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## Training Course on “Advanced SPSS”

**Doha: 27 – 30 September 2010**

### **Introduction:**

"This workshop is designed for people with basic knowledge of SPSS and statistics, or knowledge of topics covered in the introduction to SPSS workshop. Some knowledge of data analysis will be helpful"

In this course you will learn how to import data into SPSS and set it up ready for further analysis. You will perform basic statistical analyses, data checking and create simple tables and charts. This course will focus on getting you comfortable with using SPSS for Windows and ready to explore further data analysis possibilities. Learn how to go beyond simple descriptive data analysis.

### **Objective/ Elements:**

This course covers:

- Matrix Plot
- Linear Regression
- Residual Diagnostic Analysis
- Remedial Approach
- Enter and Stepwise Regression
- Binary Logistic Regression
- Comparison of Means: One-Way ANOVA
- General Linear Model: Two-Way ANOVA
- General Linear Model: ANCOVA
- General Linear Model: Other Factorial Design

### **Participants:**

Participants are those who completed the introductory Data Analysis using SPSS and have knowledge of:

- Introduction to SPSS software
- Variable Types and Creating a New Data Set
- Entering and Editing Data
- Saving the Data Set, Opening and Importing Data Files
- Displaying Value Labels
- Transformations of Variables

- Recoding and Creating new Variables
- Arithmetic Operation on Across Variables
- Data Cleaning
- Descriptive Statistics
- Frequency Distribution
- Measure of Central Tendency (Five points analysis Mean, Median, Quartiles Maximum and Minimum).
- Measure of Dispersion
- Graphical Description
- Cross-tabulation and Chi-square test
- Bivariate Correlation

### **Lecturer:**

These lectures will be delivered by Dr. ADIL E. YOUSIF who is an associate Professor at Qatar University since 2003. He obtained his PhD. in Mathematics Education in 1997 from Ohio University. He has worked several years in USA before joining QU. His main area of interest is Neural Network and Time Series Analysis.

### **Fees:**

4,500 Q.R\ per participant.

### **Date and Venue:**

The course will be held on 27 – 30<sup>th</sup> September 2010, at the Gulf Organization for Industrial Consulting (GOIC), (GOIC Flow Hall) – Doha/ Qatar.

**Course Language:** English (main) + Arabic

### **Course Certificate:**

The participant will be given a certificate at the end of the training course on condition that he/she attends 85% of the lectures.

### **Registration:**

you can participate in the training course by filling-in the attached registration form, or by visiting our web-site: [www.goic.org.qa](http://www.goic.org.qa) for online registration.